



MATERIAL SAFETY DATA SHEET

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1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: 3 in 1 CHAIN OIL CH151

GENERAL USE: Lubricating oil for bicycle chain lubrication. Used to repel moisture, prevent corrosion, clean and lubricate. .

PROPER SHIPPING NAME: PETROLEUM PRODUCTS, N.O.S

MANUFACTURER

LONG LUB-TEK CORPORATION

330-12 Sec.1 Zhong Zheng Rd. Sanxia Dist., New Taipei City TAIWAN.

Phone No.: 886-2-26742566

Fax No.: 886-2-26742730

2. PRODUCT FORMULATION NAME

Chemical Description: Lubricating oil formulation

Ingredient:

Ingredient	CAS #	Weight Percent
Synthetic Base Oil	64742-88-7	15-30
Petroleum Base Oil	64742-65-0	50-75
Nonhazardous ingredients, proprietary	Mixture	12-18

3. HEALTH HAZARD/TOXICOLOGICAL INFORMATION

Eye Contact: Direct eye contact may cause eye irritation. This irritation is minimal and expected to be transient.

Skin Contact: This product has low skin irritation potential. There is no dermal toxicity hazard.

Inhalation (Breathing): No inhalation hazard expected with water vapor.

Ingestion (Swallowing): Based on ingredients, LD50 (rat) is estimated to be well over 50 g/kg.

Carcinogenic Status: This substance has not been identified as a carcinogen or probable carcinogen by NTP, IARC or OSHA, nor have any of its components.

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4. FIRE AND EXPLOSION HAZARD DATA

Flash Point: 100°C .

Flammable Class: Flammable

Extinguishing media: Carbon Dioxide, Foam, Dry chemical

Special Fire-fighting Procedures: Water may be used to cool containers exposed to heat.

Unusual Fire Hazards: Treat like petroleum fire.

5. HAZARDOUS INGREDIENTS

This product contains no reportable hazardous components under 29 CFR 1910.1200. There are no OSHA or ACGIH threshold limit values for the product or any of its ingredients.

All components are listed on the TSCA inventory.

6. HEALTH HAZARD DATA

Eye Irritation	(Rabbits)	Corrosive to the Eye
Skin Irritation	(Rabbits)	Non Primary Skin Irritant
DOT Skin Corrosion	(Rabbits)	Non-Corrosive: Non Primary Skin Irritant
Acute Dermal Toxicity	(Rabbits)	LD ₅₀ >20.000mg/Kg
Acute Inhalation	(Rats)	LC ₅₀ >18mg/l
Acute Oral Toxicity	(Rats)	LD ₅₀ >5.000mg/Kg
Skin Sensitivity	(Guinea Pigs)	Buehler – Minimal contact sensitizer

7. EMERGENCY AND FIRST AID PROCEDURE

SWALLOWED

- If swallowed do NOT induce vomiting.
- If vomiting occurs, lean patient forward or place on left side (head-down position, if possible) to maintain open airway and prevent aspiration.
- Observe the patient carefully.
- Never give liquid to a person showing signs of being sleepy or with reduced awareness; i.e. becoming unconscious.

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- Give water to rinse out mouth, then provide liquid slowly and as much as casualty can comfortably drink.
- Seek medical advice.
Avoid giving milk or oils.
Avoid giving alcohol.
If spontaneous vomiting appears imminent or occurs, hold patient's head down, lower than their hips to help avoid possible aspiration of vomitus.

EYE

If this product comes in contact with the eyes:

- Wash out immediately with fresh running water.
- Ensure complete irrigation of the eye by keeping eyelids apart and away from eye and moving the eyelids by occasionally lifting the upper and lower lids.
- If pain persists or recurs seek medical attention.
- Removal of contact lenses after an eye injury should only be undertaken by skilled personnel.

SKIN

If skin contact occurs:

- Immediately remove all contaminated clothing, including footwear.
- Flush skin and hair with running water (and soap if available).
- Seek medical attention in event of irritation.

INHALED

- If fumes or combustion products are inhaled remove from contaminated area.
- Lay patient down. Keep warm and rested.
- Prostheses such as false teeth, which may block airway, should be removed, where possible, prior to initiating first aid procedures.
- Apply artificial respiration if not breathing, preferably with a demand valve resuscitator, bag-valve mask device, or pocket mask as trained. Perform CPR if necessary.
- Transport to hospital, or doctor.

NOTES TO PHYSICIAN

Any material aspirated during vomiting may produce lung injury. Therefore emesis should not be induced mechanically or pharmacologically. Mechanical means should be used if it is considered necessary to evacuate the stomach contents; these include gastric lavage after endotracheal intubation. If spontaneous vomiting has occurred after ingestion, the patient should be monitored for difficult breathing, as adverse effects of aspiration

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8. SPILL OR LEAK PROCEDURE

Small Amounts: Add oil adsorbent, shovel up and place in closed containers for disposal.

Large Amounts: Dike to container and pump into drums for use or disposal.

9. DISPOSAL METHODS

Not a hazardous waste under RCRA (40CFR 261). Dispose of in the manner prescribed in Federal, State and Local regulations.

10. TYPICAL PHYSICAL AND CHEMICAL CHARACTERISTICS

Appearance: Clear liquid

Color: Yellow

Odor: Mild

Specific Gravity : 0.805

Flash Point: 100°C

Decompose Temperature: >300°C

11. SPECIAL PROTECTION INFORMATION

Eye Protection: Wear safety goggles.

Protective Gloves: Wear oil impervious gloves.

Respiratory: If misting occurs, use NIOSH approved respirator for oil mist
Provide general, mechanical ventilation.

Keep away from children, infants, and pets.

12. REACTIVITY DATA

Stability: Stable

Hazardous Polymerization: Will not occur.

Conditions to Avoid: Avoid heat, sparks, flames and other sources of ignition.

Incompatibilities: Strong oxidizing agents.

Hazardous Decomposition Products: Carbon monoxide and carbon dioxide.

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13. HANDLING AND STORAGE

Handling: Avoid contact with eyes. Avoid prolonged contact with skin. Avoid breathing vapors or aerosols. Use with adequate ventilation. Keep away from heat, sparks, hot surfaces and open flames. Wash thoroughly with soap and water after handling. Keep containers closed when not in use. Keep out of the reach of children.

Storage: Store in a cool, well-ventilated area, away from incompatible materials. NFPA 30 Class III Liquid.

14. TRANSPORTATION INFORMATION

Labels Required: FLAMMABLE LIQUID

HAZCHEM: 3[Y]

UNDG:

Dangerous Goods Class: 3

Subrisk: None

UN Number: 1268

Packing Group: III

Shipping Name: PETROLEUM PRODUCTS, N.O.S. (contains Naphtha)

Air Transport IATA:

ICAO/IATA Class: 3

ICAO/IATA Subrisk: None

UN/ID Number: 1268

Packing Group: III

Special provisions: A3

Shipping Name: PETROLEUM DISTILLATES N.O.S.

Maritime Transport IMDG:

IMDG Class: 3

IMDG Subrisk: None

UN Number: 1268

Packing Group: III

EMS Number: F- E, S- E

Special provisions: 223 944 955

Shipping Name: PETROLEUM DISTILLATES, N.O.S. or PETROLEUM PRODUCTS, N.O.S.

15. OTHER INFORMATION

Disclaimer The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication.

Revision Date

29.03.2010